

**Monday June 16, 2014 ----- Learn the Resource (morning)/Osprey (afternoon)**

8:00 a.m.

**Welcome, Introduction, and Goals**

Julie Croglio, Chief of Interpretation and Education,  
Gary Swant, Educational Consultant

8:45 a.m.

**Superintendent Welcome**

Jacque Lavelle, Park Superintendent

9:00 a.m.

**How to Bring Students to the Ranch**

Learn about Ranger led and self-guided place-based educational opportunities you and your students can have here at the ranch

Julie Croglio

9:30 a.m.

**Place-based Learning in Action**

Hear about a park CESU project and how students, educators and The National Park Service can all benefit from the experience.

Pei-Lin Yu, NPS Rocky Mountain CESU

10:00 a.m.

**Out on the Ranch**

Wagon tour

Jason Smith, Resource Management Specialist  
and Gary Swant

12:00 p.m. **Lunch** 1 hour

1:00 p.m.

**Osprey – the ultimate fisher**

Learn about one of the most widespread birds of prey that are often found near ponds, lakes and rivers.

Gary Swant

4:30 p.m. **Depart**

**Tuesday June 17, 2014 ----- Lesson Plans (morning)/Water Quantity and Monitoring (afternoon)**

6:00 a.m. **Bird Walk**

8:30 a.m. - **Meet at the High School Computer Lab**  
**Lesson Plan Development (Osprey)**

everyone

Teams Develop Osprey/Bird Lesson Plans  
Sharing of Projects

12:00 p.m. **Lunch** 1 hour

1:00 p.m.

**Water Quantity and Monitoring**

How do we know how much water is in the river? Why do we monitor streams? Get ready to head out to the field for some hands-on activities

Kim Schierenbeck, USGS Hydrologic Technician

4:30 p.m. **Depart**

**Wednesday June 18, 2014 ----- Lesson Plans (Morning)/Water Use and Distribution (afternoon)**

8:00 a.m. **Meet at the High School Computer Lab**  
**Lesson Plan Development (Water Quantity and Monitoring)**

everyone

Teams Develop Water Lesson Plans  
Sharing of Projects

12:00 p.m. **Lunch** 1 hour

1:00 p.m.

**Water Use and Distribution**

Water is an important resource. Learn about how water is allocated in MT and why there are limits to what people can take along with some history of the Clark Fork watershed

4:30 p.m. **Depart**

**Thursday June 19, 2014 ----- Lesson Plans (morning)/Water and the Historic Cowboy (afternoon)**

8:00 a.m. **Meet at the High School Computer Lab**

## **Lesson Plan Development (Water Use and Distribution)**

everyone

Teams Develop Water Units  
Sharing of Projects

12:00 p.m. **Lunch** 1 hour

1:00 p.m. **Water and the Historic Cowboy (and some Campfire Cooking)**

Debbie Crow, Seasonal Education  
Technician

This session will start with everyone pitching in to prepare a chuckwagon dinner. While the food is cooking over the fire learn about the importance of water on trail drives - how much do cattle drink? how long they can go without water?

4:30 p.m. **Depart**

## **Friday June 20, 2014 ----- Lesson Plans (morning)**

8:00 a.m. - **Meet at the High School Computer Lab**  
**Lesson Plan Development (Restoration and Native Tribes)**

everyone

Teams Develop Cowboy Lesson Plans  
Sharing of Projects

12:00 p.m. **Lunch** 1 hour

1:00 p.m.  
**Group discussion/Workshop wrap-up**

everyone

1:30 p.m.  
**Course Evaluations**

2:00 p.m.  
**Closing**